

04C0

OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/653,730

DATE: 09/20/2000
 TIME: 12:19:51

Input Set : A:\Seqlist.txt
 Output Set: N:\CRF3\09202000\I653730.raw

3 <110> APPLICANT: Whiteley, Marvin
 4 Lee, Kimberly
 5 Greenberg, E. P.
 6 Muh, Ute
 8 <120> TITLE OF INVENTION: QUORUM SENSING SIGNALING IN BACTERIA
 10 <130> FILE REFERENCE: UIZ-038
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/653,730
 C--> 13 <141> CURRENT FILING DATE: 2000-09-01
 15 <150> PRIOR APPLICATION NUMBER: 60/153,022
 16 <151> PRIOR FILING DATE: 1999-09-03
 18 <160> NUMBER OF SEQ ID NOS: 39
 20 <170> SOFTWARE: PatentIn Ver. 2.0
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 1218
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Pseudomonas aeruginosa
 27 <400> SEQUENCE: 1
 28 atggacgatc tattgcaacg cgtacggcgc tgcgaagcgc tgcagcaacc cgaatggggc 60
 29 gatccgtcgc gcctgcgcga cgtgcaggcg tacctgcgcg gcagtcggc gctgatccgc 120
 30 gccggcaca tactggccct gcgcgcgacc ctggcgccgg tcgcccggc cgaggcgctg 180
 31 gtggatcaatcg cggcgactg cggcgaggac atggacgacc accatgcccga gaacgtggcg 240
 32 cgcaaggcccg cctgtctgga actgtggccgc ggcgcctgc gcctggccgg cggcgccgc 300
 33 gtgatccgcg tggggcgcatt cgcggggcag tacgcggaa cgcgttccaa gccgcacgg 360
 34 cagggtcgccg agcagacccct gccgtctat cgcggcgaca tggtaacgg cgcggaggcc 420
 35 catgcggaaac agcgcggccgc cgtccgcag cggatccctca agggtatgc ggcggcgcgc 480
 36 aacatcatgc gccacccctgg ctgggacgcgc ggcgtccggc aggaggcgaa tgccctgcgc 540
 37 gtctggacca gccacgagat gctgctgtc gactacgagc tgctgatgtc ggcgcaggac 600
 38 gagcaacgcg gggttatctat cgggtcgacc cactggccgt ggatcgccga ggcgcacccgc 660
 39 cagggtcgacg ggcgcctatgt ggcgtctgc ggcggagggtc tcaaccccggt ggcctgcaag 720
 40 gtcgttccgg agatggccgc cgaccaggctt ctggcgctct gcgagcgcct cgatccgcgc 780
 41 cgcgaggccgg gacgcgtac gctgatcgcc cggatggcg cgcagaagggt cggcgagcgc 840
 42 ctggccgcgc tgggtggggc ggtgcgcgcgc gccgggcacc cggtgatctg gctgagcgc 900
 43 cccatgcacg gcaacaccat cgtgcgcgcgc tgccgcaaca agacccgcgt ggtgcgcagc 960
 44 atcgccgagg agttggccgc gttccgcctg ggatcttca ggcggaggcg cgtgctcaac 1020
 45 ggactgcacc tggaaaccac cccggacac gtcaccaggat gctgcggca ttccagcgcc 1080
 46 ctgcacccagg tcagccggca ctacaccaggc ctctgcgtac cgcggctgaa cccctggcag 1140
 47 ggcgtcaatcg cgggtatggc ctggtccggc gcagaagcga tccagagcgc aacccccc 1200
 48 ctggagaccg tggcatga 1218
 50 <210> SEQ ID NO: 2
 51 <211> LENGTH: 1782
 52 <212> TYPE: DNA
 53 <213> ORGANISM: Pseudomonas aeruginosa
 55 <400> SEQUENCE: 2
 56 atggatgtt gggcacagcc tgctgcacac ctccggatgcc ctggccaccac tgctggccgg 60
 57 cttcgcgcgc tacttcgtca acacccctgt caccctactgg tggcatcgcc cgcgcacgc 120
 58 caacgcacccg ctctgcgcgc tggtccacca gttgcaccac ggcggcaac gcatcgaggt 180
 59 attcaccccttcttacatcgatcgatcc aactcgatgc tgggcagctt 240

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/653.730

DATE: 09/20/2000

TIME: 12:19:51

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\09202000\T653730 raw

60 cgtcgccctac gtgggtatgg gcatcagcat cgaggccggc gcctactaca tcatgttgc 300
 61 cgcgtcgcc gagatgttct accactcgaa cctgcgcacc cggcacgtcc tcggctact 360
 62 gttccagcgc cggagatgc accgcattca ccaccagcgc gaccgtacg agtgcacta 420
 63 cagcgacttc cgcattctggg acatgttgc cggccatctac gagaaccccc gcccgcata 480
 64 cgagcccgac ggttccggc gcgaaaggaa gcagcgttgc gtcgcacgtc tgctgttccg 540
 65 cgacgtgcac agcctcccg gaaaaaccca gcccgcctcc tgctgttca agccccgcgt 600
 66 caggtaacg ccatgattcc agacatcgat tcccgctca gccggaaacat attgaaatcc 660
 67 atctcgatg gctcccccct cggcgaatgt gtcccgacc atacatcgac gcaactggaa 720
 68 acgcgcctcg gcaactgaa acgcaggatgc tggagatgc gcatctccca cggcgcggc 780
 69 gagctgcgtc tcaagcaactt cttgttctac ctgatctcc acgtgcgcca cggaaatcc 840
 70 gacttcaagc tgcggcaggc caactcggt gtcaccaaca tccacccgatt caagagca 900
 71 ggacgcattc cgtccctgtac caccctgtc ctggccgtg cggtaacgc caagagcgag 960
 72 ctggagatca agcatccggc catcccgacat cttccgcgc acgtcgccgc catcgagcgc 1020
 73 tggctggccg cggcaacgt catccgcggc acgcagcggg cctgtccgcg cctgttgcg 1080
 74 ggcgttggagc ggcgcgtgg cgaaggccgt cctgttgcacc tggtagcgc ggtatccgc 1140
 75 gactactcgc actccacgcg tggcgaggc aagccgcgtt acacccatcg gcgagtcggc 1200
 76 gaccagcccg gcttggccg cggcaactgt gtcagccgcg gccaggccgt ggcggagctg 1260
 77 gccaggccgc cggagggtga aatccgcgc acgtatcccg gccggcgatgt cgatgtacca 1320
 78 tcgttcaacc gcaaccccgcc caccggcgac accccgcgagg gtttccctcg caaggcgac 1380
 79 cggcagatcg acgcgatcgcc cggggccctg cctgtcccg ccegegacctg ctgttctc 1440
 80 gagatgtcgc gggcgaggc cggctggcacc caggccccacg gcgagatcg tccagccctg 1500
 81 gaacaggccg actacggcca gaccgggtcg gactactcccg ccctggatac gatcttccctg 1560
 82 tcgcgcctgc cgctctacga gaaatgttgc gccaggccgt cgcgcgacca gatctggcc 1620
 83 agttctcgatcc cccaggccgc cggatcgca ttgtatggaa aactcttcgg cggaggccctc 1680
 84 gacaacttcg tcgtgttgc cgtcgatcac tacccggatgg agccgttcta ctgttcttc 1740
 85 ggcacccgtcc cggacgttca catccgaacc gactacccgt aa 1782
 87 <210> SEQ ID NO: 3
 88 <211> LENGTH: 693
 89 <212> TYPE: DNA
 90 <213> ORGANISM: *Pseudomonas aeruginosa*
 92 <400> SEQUENCE: 3
 93 atgcggccaa ccagccccac accaaccaac cccatccca ggctaccgc tgatcacaca 60
 94 ggaaacccca tgaatactca gatttcccgatccaccaggaga gcttggcgcgcaacggctgc 120
 95 ggctatata ccccccacgcg cgcgttctac gacggaggcgg acttggaaact gatgaacccag 180
 96 gtcctggccaa actcgaccctt gccgtggggaa aatgttgc gtcggcgcgc cggaggagg 240
 97 aacgaccctt acgttggcccg ttatcgacc gaccgcgcacc gttccacggt ggtcaaccat 300
 98 ggcgttgcgg agctgtatcc cccgcgcgtc tgcaacgcgac acgtgtatgg cctgttccgc 360
 99 aacgtgtatgg cgcacgcgc ctttacgttc cggcgcgttc aggtgtatgg gatgaaggcc 420
 100 ggctgttca tcggccggca ctttgcgttcc gacggatacc gacggaaacc cggactacca gatctccatc 480
 101 gtccctcgac tcggcaccata ctttccggc gccggatgtcg tggatcgacca cggcgcacggc 540
 102 aaccttgcgcac acgacatcaa gccggagccg cgtcggtga tcatcagcgatcgatcat 600
 103 ccccaacggg tccacggatgg gacccggccgc gacggcgatcc gtcgttgcgtt cttcgatcgat 660
 104 cggccatcgcc accggaaacccg gccggatccat tga 693
 106 <210> SEQ ID NO: 4
 107 <211> LENGTH: 411
 108 <212> TYPE: DNA
 109 <213> ORGANISM: *Pseudomonas aeruginosa*
 111 <400> SEQUENCE: 4
 112 gtgcggact tcgaatccctc ggtcgccgtt cggccacccg gatttccgg cgcgttccgg 60

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/653,730

DATE: 09/20/2000
 TIME: 12:19:51

Input Set : A:\Seqlist.txt
 Output Set: N:\CRF3\09202000\I653730.raw

113 cggccgcgtc ccagcgcagc gccactgcca gatctggcag ttgtcgctgg cggggacgga 120
 114 ggctttaga gccgcactt tttccagggc cgggcagtgc gaccgcataatg catggacgac 180
 115 atcgagacca gagtggaa actggtagcc gcccgggtcg gctgtggaggatgcgacatc 240
 116 cggctggaca gcgacttccg taacgacttc ggtgcggagtcgctcgatgtcgaacty 300
 117 gtcatggccc tggaaagcggg gttcgccgtc gagatgcggg atgacgatgc gggacggatc 360
 118 gagaccgtgc gccaggccat cgactatctc gaggaagccg tgccgacatcg a 411
 120 <210> SEQ ID NO: 5
 121 <211> LENGTH: 588
 122 <212> TYPE: DNA
 123 <213> ORGANISM: Pseudomonas aeruginosa
 125 <400> SEQUENCE: 5
 126 atggcgcgtcc gggtcggagaa agtagaaacga atcgccctcg ctgcgggttc gtttcattc 60
 127 gccgcacgcgc tgcgcgcgc gctgcgcgcg gaagcggcg aaatccgcg cggcgatgcc 120
 128 gaaggcgtag tgcgtgttagt ccgcggccgg cccgcgtac tgccggtccc gggacaggca 180
 129 cagccacacgc gaacccaggta cgagataggc gcccgtgtcc cagcgccgtt ccaggcgaaa 240
 130 gccgagaaga tgcgcgttaga aggccgtatc ggccggccagg tcggccgacc ccagggtcag 300
 131 tggtatggaga cccgttaagca tgggggtctc ttgcagatgt tgccgggagg tcgatcagg 360
 132 cacgtcccag ccagtgcgcg cggatcattt ccatacgatgc ggcgaacggc ggttgcggct 420
 133 ggcgtcggtc cggatagtagt aggcagaacgc ggcgcggccat cgagggtccag tccggcaata 480
 134 ccaggcgtcgcg cccgcgtca cgcagctctt cggcgatccc cacctccagg cagtagggca 540
 135 ggcgcacacc gtcaggccgc gggcaacccg ccgtattgtt ttcgttga 588
 137 <210> SEQ ID NO: 6
 138 <211> LENGTH: 1020
 139 <212> TYPE: DNA
 140 <213> ORGANISM: Pseudomonas aeruginosa
 142 <400> SEQUENCE: 6
 143 atgaacggaa ccgcgcgcga taccctcgcc gtatcgcccc cggccctcgcc caacctctgc 60
 144 gacggccacgc gccgcgtcga tccccggcg gtcggctgtt ccgcggcgcc gcgggtgtc 120
 145 tgcacatcc cccgcactt cggccggccgc aaggcgtgtc aaccatgtgtt catcgctcagc 180
 146 cccggctgttca tgcgtctcgat gaccatcgcc gacccgtactt acctgtactt cggccgcgc 240
 147 tatttcctcg acctggacag cggccaggcg ctagcgccaa cgcagatccg ctgcgtccgc 300
 148 ctccggctgc acgttgcgcg cggccgcgcg cccggccatc ctttcgcggca tcccccgtc 360
 149 caatttgcgtt tgcacgaaca gcccggccgc ctgcgtcgtt ccggccaggc cccggaccc 420
 150 ggtggcctgc cgcgtggact ggcgtggaa gtgcgcgacac cgtgcgcaccc ggagtcgtgt 480
 151 aacctgtgtt tgcgcgtatgg cggccacacc ttccatcgctt cggccgcgcgac gtcggctgc 540
 152 ccgcacccgc gtcgcgtcga gtcggccgc cggccgtactt acgtccaggc gggccaggac 600
 153 ttccggccgc tggacttcgg cccgggtgtc tggccgtctc ataccatctg gaccgcgcgc 660
 154 gccttcgcgc ccccccggcg catcgccgcg aacttcggca cccgggtgcac cgaaggccgc 720
 155 gacccgtcgcc agaaacgcgcgtt gtgggtcgcc ggcacgttcc cggccgtgtt cgcacgtgt 780
 156 cacatccgcgc agccctcgccgc cccgcgtgc gaaatggccgc tgccaggccgc ctgcgtcgcc 840
 157 gtcgagctgc ttccatcgcc cggccacccgcg caccaggccgc gggccaggctt cggccgttc 900
 158 tatgcaccaat cccgcgttccgtt gttccatcgcc ttcacacgcgc cccatcgccca cgcacgcggc 960
 159 gactcggtgc cgggtggacgg cccgcgtccgc tggatcggtt cggccaggccgc ggcgtgtgt 1020
 161 <210> SEQ ID NO: 7
 162 <211> LENGTH: 1170
 163 <212> TYPE: DNA
 164 <213> ORGANISM: Pseudomonas aeruginosa
 166 <400> SEQUENCE: 7
 167 atgaaacact actcggccac cctggcactc ctgcactca ccctcgcctt ttccatcgcc 60

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/653,730 DATE: 09/20/2000
 TIME: 12:19:52

Input Set : A:\Seqlist.txt
 Output Set: N:\CRF3\09202000\I653730.raw

168 caggcagccc atgcccacgg ctgcgtggaa acgcccggca gtcgggtcta cggctgttcc 120
 169 ctgcaggcgtc cggagaatcc caagtccggc gcctgcggc ggctgcggc cggccggc 180
 170 acccaggcgtc tgatcgactg gaatggcgcc aaccaggcga acggcaacgg caaccaccag 240
 171 ggggtggtcc cgcacggca gctctcgcc gcccggcaagg cactgttcaa gggcttgaac 300
 172 ctggctcgca gcgactggcc cagcactgcc atgcggccgg aecggcggcgg caactccag 360
 173 tcgtctaca aggcaggcgc gcccggcggc acccgctact tcgacttcta cataccagg 420
 174 gacggctata acccccggaaa gcccggccggc tggagcggacc tggaaaccggc gccgttctgc 480
 175 tcgatccaca gcgtaacgt ggagaacggc acctaccggc tgaactggcc gctggcccgag 540
 176 gcaagacgg gcaacgtatgt gatcttacac gtcggcggc gtcggacag cccggaaagcc 600
 177 ttctacggct gcatcgacgt gagcttcggc ggcggcgtcg ccaaccctcg gcaaggcgctg 660
 178 ggcacccgtc ggcggcggcggc ggcggcttca gccgggtcta cggtcacccgt gctgttgc 720
 179 gatggccagg ggcggcggcggc ccaaggcgtc acggctgaccc tggccggagg cggcaacgg 780
 180 gcaagaaat ggcggcgtgc gctggcggcggc aagggtcaacc agggactccac cctggtcaac 840
 181 atccggcgtgc tggatggctca cggggggggc agccgggtgg ccaaggctcgca ggacaaccag 900
 182 gtcgtacgtgc gccaggccggc ctaccggcttc caggtcgacca tgcgactggc ggtcgaggggc 960
 183 ggcggcggcggc aaccggggggc cgacggcaag gtcgacttcg actatccca gggctcgag 1020
 184 caatacgacg cccggggacgt agtgcggcgtt gccgatggca agcgctacca gtgcaagccc 1080
 185 taccggaaact cccggctgggta caaggggctgg gacccctact acggcccccggg caagggcata 1140
 186 gcctggcagg acgcctggac cctgtgttata 1170
 188 <210> SEQ ID NO: 8
 189 <211> LENGTH: 210
 190 <212> TYPE: DNA
 191 <213> ORGANISM: Pseudomonas aeruginosa
 193 <400> SEQUENCE: 8
 194 atgttggaaat tggcgatcgct cctgtactg ctggctacc tggtgagct gttcagggc 60
 195 ctgttcttcc tggtcaaggaa ccaggccat ggttcccgcc tggtcaatttc gtcgaccgtc 120
 196 cgcgtggtgc tcgcggccggc gaccctgggt ctggctccctt ggggttctta cagcggcggag 180
 197 ctgaacagcc acggccctcg gcatttctgt 210
 199 <210> SEQ ID NO: 9
 200 <211> LENGTH: 1872
 201 <212> TYPE: DNA
 202 <213> ORGANISM: Pseudomonas aeruginosa
 204 <400> SEQUENCE: 9
 205 atgatgtttcc cgataaaatcaattatagg agtttcccta tggcggtct cgggggttgg 60
 206 gtggattaca cgcgcggact cgacgacgaa ttccggcga ttttcggccat gaccgataac 120
 207 ctcgccttcc tggggccggaa tcccgaggccat atctggaaacg accgcacgc cctgtgtgg 180
 208 caccggccggc tggcggttccat cggacttccac gggggcggtc agccgtatgtc ctatcgcttt 240
 209 cccaccggcc aggagggtcac ctcgttccat accggggcgagg tggatccacca cgtggccctg 300
 210 cgcgagcggt tggcgccggc cggacatggat ttccggccacc gcaacgtatcc cgggtggc 360
 211 ctgcacggccat atctgcgttccat gggcgaggcg tggatccacca cggacttccat cgggtggc 420
 212 ttccggcttc tggatggcccg cggccggccat ctgtgtgttccat cggcgaccc cttggccatc 480
 213 aacggcggttccat tggatggcccg cggccggccat cggacttccat tggatggcccg cttggccatc 540
 214 atccctggccgc atccggaaat cggccggccagg ctcgacggccgg tggcggttccat cggccggcc 600
 215 acgtgttcccg gggggacttc gcaaggccgg tcccgaggccat tccaggaaact gtcggccggc 660
 216 caccgtgttccat tggcgccggc caccggccat cggccggccat cggacttccat cgggtggc 720
 217 cgcggccggc atccggccat cggccggccat cggacttccat cggccggccat cggacttccat cgggtggc 780
 218 cgcggccggccat cggccggccat cggacttccat cggccggccat cggacttccat cggccggccat cggacttccat cgggtggc 840
 219 ctgcatttccat cggccggccat cggacttccat cggccggccat cggacttccat cggccggccat cggacttccat cgggtggc 900
 220 gacatcaatttccat cggccggccat cggacttccat cggccggccat cggacttccat cggccggccat cggacttccat cgggtggc 960

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/653,730

DATE: 09/20/2000
TIME: 12:19:52

Input Set : A:\Seqlist.txt
Output Set: N:\CRF3\09202000\I653730.raw

221 ctgcgtcccg accaggacca gccgttcgc ctgtggccg cgcagtagat cggcagccgt 1020
222 catcgacccg tgcgtcatga caatgcccga ctggctcg aacgagccg cgaaggatgta 1080
223 ttccggccca aggacgtacc ttccacccg ggcgacatgg atacctcgat gcacctgtatg 1140
224 ttccggcaga tccggccgca ttccacccg ggcgacatgg atacctcgat gcacctgtatg 1140
225 ttccggtggt acggctgtt ccgcgtatccg caggccgtgg ctgcggccgg ctteccctgg 1260
226 gcctccaggg tgcgtccgtcc ggcggcttc atcgacccg gttcaacccg ccgcgtcgat 1320
227 ctccgtccgtt acggccggcc cgcgtatccg gatgggtctc gccaggatcga acacccgttcc 1380
228 ggcgacacccg cggaggagcc ggcgtatccg gatgggtctc gccaggatcga acacccgttcc 1380
229 atgggtctgc tgctcgaaatcga acggatcgcg ctgcgtatccg gcaacccgttcc 1440
230 gtgccttaca ccgaccatgaa gctgggtggat tacgttctaca acgtgcctcg gtcgatcaag 1560
231 agccgggacg cggaggagaa gtgggtctcc aagcggggccg ggcggacta tgcggccggaa 1620
232 ggcgtgtctca agccggccaa gaggccctat ccgacttccg ccaacccgttcc 1680
233 ttccgtccgtcc gggaggatccg ggcgtatccg gggaggatccg tgaacccgttcc 1740
234 gttccgtccgtcc agttccgtccg ccgcgtatccg gggaggatccg tgaacccgttcc 1800
235 gtgacccggcc aacaccgttccg gaccgtatccg gggaggatccg tgaacccgttcc 1860
236 ctccgtccgtt ga 1872
238 <210> SEQ ID NO: 10
239 <211> LENGTH: 756
240 <212> TYPE: DNA
241 <213> ORGANISM: Pseudomonas aeruginosa
243 <400> SEQUENCE: 10
244 atgcagaaac agccgggtggc ccgcgtatccg gcaagacgttgc tgcgtccgtt gatcgatccg 60
245 ggcgtgtctca aggtccggccaa ggcacttccg tccgacccg ggcgtatccg caagctccg 120
246 tgctcgatccg cggccctccg cggaggccgtcc gggggccgtcc ggcgtatccg 180
247 accggatccg ccgcgtccgtcc ttccgtccg gacccgtatccg gcaacccgttcc 240
248 ctgcgtatccg tggccgtccg ccgcgtccgtcc accccgtatccg acgtccgtccg 300
249 ctgcgtccgtcc gggaggccgtcc ccgcgtccgtcc ggcgtatccg ggcgtatccg 360
250 ctgcgtccgtcc ggcgtatccg aagatgtccg ggcgtatccg aggaaacccca ggcgtatccg 420
251 ccccgccggcc acggccggccg cggccgtccg ttccacccggcc ggcgtatccg 480
252 aatccgttccg tggccgtatccg cctccgtatccg ctcacccgttcc ggcgtatccg 540
253 ggcgtatccg aacaccgttccg ccaccgtatccg ccgcgtatccg gcaacccgttcc 600
254 ggcgtatccg acggccgtccg ccgcgtatccg ccgcgtatccg gcaacccgttcc 660
255 gacacatccg acggccgtccg ccgcgtatccg ccgcgtatccg gcaacccgttcc 720
256 gtcggccgtcc ccgcgtatccg gacccgttccg ggcgtatccg 756
258 <210> SEQ ID NO: 11
259 <211> LENGTH: 822
260 <212> TYPE: DNA
261 <213> ORGANISM: Pseudomonas aeruginosa
263 <400> SEQUENCE: 11
264 atgaaccatcg tcatcgatccg ccacccgtatccg ctgcgtccgtcc ggcgtatccg 60
265 gacatccgtccg ccgcgtatccg ggcgtatccg ctggccgtcc ggcgtatccg 120
266 tcgttccgtcc acatcgatccg ccgcgtatccg ccgcgtatccg ggcgtatccg 180
267 ccgcgtatccg agttccgtcc ggcgtatccg aacccgtatccg acgtccgtccg 240
268 ggactccgtcc acatcgatccg ccgcgtatccg ccgcgtatccg ggcgtatccg 300
269 cgcgtatccg gacccgtatccg ccgcgtatccg ggcgtatccg 360
270 ggcgtatccg tgcgtatccg tgcgtatccg gacccgtatccg ccaccgtatccg 420
271 ccgcgtatccg tgcgtatccg tgcgtatccg gacccgtatccg ccaccgtatccg 480
272 ccgcgtatccg tgcgtatccg tgcgtatccg gacccgtatccg ccaccgtatccg 540
273 gtcgtatccg acggccgtcc ggcgtatccg gacccgtatccg ccaccgtatccg 600

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/653,730

DATE: 09/20/2000

TIME: 12:19:53

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\09202000\I653730.raw

L:12 M:270 C: Current Application Number differs, Replaced Application Number
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date